

LUS COPYRIGHT 2006 ACS on STN

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DN 111:59718

ED Entered STN: 20 Aug 1989

TI Halogenated hydrocarbon mixtures as removers for acrylic, epoxy, or urethane coatings

IN Akase, Shinichiro; Ishihara, Toshinobu; Yanagisawa, Fumio

PA Shin-Etsu Chemical Industry Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM C09D009-00

ICS C11D007-50

CC 42-11 (Coatings, Inks, and Related Products)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01040579	A2	19890210	JP 1987-196648	19870806 <--
PRAI	JP 1987-196648		19870806		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES	
JP 01040579	ICM	C09D009-00	
	ICS	C11D007-50	
	IPCI	C09D0009-00 [ICM,4]; C11D0007-50 [ICS,4]	<--

AB The title removers with good flame retardance comprise 85-95% halogenated hydrocarbons and 5-15% MeOH and/or Me2CO. A mixture of CH2Cl2 90, MeOH 5, and Me2CO 5% had removal ability 92, 95, and 95%, for acrylic, epoxy, and urethane coatings, resp.

ST methylene chloride mixt coating remover; acetone mixt coating remover; halogenated hydrocarbon remover acrylic coating; epoxy coating halogenated hydrocarbon remover; urethane coating halogenated hydrocarbon remover; flame retardance coating remover; methylene chloride mixt coating remover

IT Coating removers  
(flame-retardant, halogenated hydrocarbon mixts. containing methanol and/or acetone as, for acrylic, epoxy or urethane coatings)

IT Hydrocarbons, uses and miscellaneous  
RL: USES (Uses)  
(halo, methanol and/or acetone mixts., as coating removers)

IT 67-56-1, Methanol, uses and miscellaneous 67-64-1, Acetone, uses and miscellaneous  
RL: USES (Uses)  
(halogenated hydrocarbons mixts., as coating removers)

IT 75-09-2, Methylene chloride, uses and miscellaneous 79-01-6, Trichloroethylene, uses and miscellaneous 127-18-4, Tetrachloroethylene, uses and miscellaneous 25323-89-1, Trichloroethane  
RL: USES (Uses)  
(methanol and/or acetone mixts., as coating removers)

RN 67-56-1

RN 67-64-1

RN 75-09-2

RN 79-01-6

RN 127-18-4

RN 25323-89-1

L17 ANSWER 2 OF 3 WPIX COPYRIGHT 2006 THE THOMSON CORP on STN

AN 1989-089988 [12] WPIX

DNC C1989-040042

TI Paint stripping compsn. - comprises halogenated hydrocarbon(s), methanol and acetone.

DC A28 A82 G02

PA (SHIE) SHINETSU CHEM IND CO LTD

CYC 1

PI JP 01040579 A 19890210 (198912)\* 3  
ADT JP 01040579 A JP 1987-196648 19870806  
PRAI JP 1987-196648 19870806  
IC C09D009-00; C11D007-50  
AB JP 01040579 A UPAB: 19930923

Compsn. comprises 85-95 weight% of at least one halogenated hydrocarbon and 5-15 weight% methyl alcohol and acetone.

The halogenated hydrocarbon is, e.g., methylene chloride or a mixture of 75-90 weight% methylene chloride and 5-15 weight% chlorohydrocarbon having a b.pt. of at least 100 deg.C (e.g., 1,1,2-trichloroethane, tetrachlorethane or tetrachloroethylene). The comps. is opt. blended with a thickening agent (e.g., paraffin wax), emulsifier (e.g., Na dodecylbenzene sulphonate) and penetrant (e.g., amine). A coated film of urethane resin paint, acryl resin lacquer or epoxy resin is released by impregnating the film with the comps. and applying ultrasonic waves.

USE/ADVANTAGE - The comps. has increased fire resistance compared with conventional comps. It is handled easily and rapidly releases painted films.

0/0

FS CPI  
FA AB  
MC CPI: A08-S02; A11-C07; A12-B01; G02-A03C

L17 ANSWER 3 OF 3 JAPIO (C) 2006 JPO on STN

AN 1989-040579 JAPIO

TI RELEASING COMPOSITION

IN AKASE SHINICHIRO; ISHIHARA TOSHINOBU; YANAGISAWA FUMIO

PA SHIN ETSU CHEM CO LTD

PI JP 01040579 A 19890210 Heisei

AI JP 1987-196648 (JP62196648 Showa) 19870806

PRAI JP 1987-196648 19870806

SO PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 1989

IC ICM C09D009-00

ICS C11D007-50

AB PURPOSE: To obtain a composition having high safety to fire hazard and easy handleability and useful for releasing a coating film of an acrylic lacquer polymer, a urethane polymer or an epoxy polymer paint, by compounding a halogenated hydrocarbon, methanol and acetone at specific ratios.

CONSTITUTION: The objective composition is composed of (A) 85~95wt.% of at least one kind of halogenated hydrocarbon (preferably a mixture of 75~90wt.% of a halogenated hydrocarbon having a boiling point of  $\leq 100^{\circ}\text{C}$  and 5~15wt.% of nonflammable halogenated hydrocarbon having a boiling point of  $\geq 100^{\circ}\text{C}$ ) and (B) 5~15wt.% of methanol and acetone.

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